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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P9001

(maximum 12 characters)

First Named Inventor Bharat Bhushan

Title: METHOD AND APPARATUS FOR A FAST COMPARISON IN REDUNDANT FORM ARITHMETIC

Express Mail Label No. EL867652629US

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 54)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 37)**
5. ☒ **Oath or Declaration (Total Pages 6)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. ☒ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

The PTO will not accept the following
listed items: not postcard

2/15/01

- 1 -

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignm nt Papers (c ver sh et & docum nts(s))
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- ☒ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ a. Information Disclosure Statement (IDS)/PTO-1449
- ☒ b. Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Copy of postcard with Certificate of Express Mailing pursuant to 37 C.F.R. § 1.10

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
 Of Prior Application No.: ☐ Examiner ☐ Group Art Unit ☐
 (which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐,
 which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐ (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
 For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an
 ath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying
 continuation or divisional application and is hereby incorporated by reference. The incorporation can only b
 relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that ☐ (name of assignee) is th
 assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment
 recorded in the Patent and Trademark Office at Reel. No. ☐ Frame No. ☐ (or a copy of
 which is attached).

19. Correspondence Address

☐ Customer Number or Bar Code Label ☐
 or ☐ (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

NAME ☐
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Nam (PRINT/TYPE): Maria McC rmack Sobrin R gistration No.: 31,639

Signatur : Maria McCormack Sobrin Date: December 17, 2001

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| <u>Larg Entity</u> | | <u>Small Entity</u> | | <u>F e Description</u> | <u>Fee Paid</u> |
|--------------------|-------------|---------------------|-------------|--|-----------------|
| <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | <u>F e</u> | | |
| <u>C d</u> | <u>(\$)</u> | <u>C d</u> | <u>(\$)</u> | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | _____ |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ |
| 139 | 130 | 139 | 130 | Non-English specification | _____ |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | _____ |
| 099 | 8,800 | 099 | 8,800 | Request for inter parties reexamination | _____ |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 115 | 110 | 215 | 55 | Extension for reply within first month | _____ |
| 116 | 400 | 216 | 200 | Extension for reply within second month | _____ |
| 117 | 920 | 217 | 460 | Extension for reply within third month | _____ |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | _____ |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | _____ |
| 119 | 320 | 219 | 160 | Notice of Appeal | _____ |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | _____ |
| 121 | 280 | 221 | 140 | Request for oral hearing | _____ |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | _____ |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | _____ |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | _____ |
| 143 | 460 | 243 | 230 | Design issue fee | _____ |
| 144 | 620 | 244 | 310 | Plant issue fee | _____ |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | _____ |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | _____ |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | _____ |
| 146 | 740 | 246 | 370 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | _____ |
| 148 | 110 | 248 | 55 | Statutory Disclaimer | _____ |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (see 37 CFR 1.129(b)) | _____ |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | _____ |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | _____ |
| 195 | 300 | 195 | 300 | Publication fee for early, voluntary, or normal pub. | _____ |
| 196 | 300 | 196 | 300 | Publication fee for republication | _____ |
| 194 | 130 | 194 | 130 | Request for voluntary publication or republication | _____ |
| 098 | 130 | 098 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | _____ |
| 091 | 1,280 | 091 | 1,280 | Acceptance of unintentionally delayed claim for priority | _____ |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ _____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Maria McCormack Sobrino

Signature: Maria McCormack Sobrino Date: December 17, 2000

Reg. Number: 31.639 Tel ph n Number: 408-720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL867652629US

Date of Deposit: December 17, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Deborah A. McGovern
(Typed or printed name of person mailing paper or fee)

D. McGovern
(Signature of person mailing paper or fee)

December 17, 2001
(Date signed)

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: Herewith

Client: Intel Corporation

Title: METHOD AND APPARATUS FOR A FAST COMPARISON IN REDUNDANT FORM ARITHMETIC

BSTZ File No.: 42390.P9001

Atty/Secty Initials: MES/LMM/dam

Date Mailed: December 14, 2001

Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|--|---|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No.: <u>EL867652629US</u> <input checked="" type="checkbox"/> Check No. <u>46999</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time Amt: <u>\$1,274.00</u> |
| <input checked="" type="checkbox"/> Application - Utility (<u>54</u> pgs., with cover and abstract) | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO 1449 (<u>5</u> pgs.) <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input type="checkbox"/> Preliminary Amendment (____ pgs.) |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input checked="" type="checkbox"/> Declaration & POA (<u>6</u> pgs.) <u>unsigned</u> | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Invention Signed Letter (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate |
| <input checked="" type="checkbox"/> Drawings: <u>37</u> # of sheets includes <u>53</u> figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate |

☒ Other: Copy of postcard with Certificate of Express Mailing pursuant to C.F.R. § 1.10, 32 cited references.